

# COURSE OUTCOME MATRIX

## COURSE SYLLABUS

### PART 2 of 3

Course Number and Title	EM 116 Cardiopulmonary
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Credit Hours	5
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Course Description	This course teaches the student to assess and manage patients with pulmonary and cardiovascular emergencies in the pre-hospital setting. Current ACLS guidelines will be followed.
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Prerequisite(s) and/or Corequisite(s)	
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**Required Textbooks/References/Course Materials:**

Introduction to Basic Cardiac Dysrhythmias	5th	Atwood, Stanton, Storey-Davenport	Jones & Bartlett Learning	1284139686
Nancy Caroline's Emergency Care in the Streets, Flipped Classroom	1st	AAOS	Jones & Bartlett Publishing	1284180638

General Education Outcomes	
1	Utilize written and verbal language to discuss and comprehend information, incorporating a variety of technologies, such as text, data, and images (written language, verbal language, and information technology).
2	Identify and interpret relevant information in order to formulate an opinion or conclusion (critical thinking).
3	Demonstrate and communicate computational methods and mathematical reasoning in a variety of formats (using words, tables, graphs, mathematical equations, etc., as appropriate) (quantitative literacy and fluency).
4	Communicate in appropriate ways with those who are culturally diverse (intercultural competence).

Program/Department Outcomes	
1	To prepare competent entry-level Paramedics in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains with or without exit points at the Advanced Emergency Medical Technician and/or Emergency Medical Technician, and/or Emergency Medical Responder levels.

	Course Outcomes (CO)	Bloom's Domain for CO (C, A, P), Category, and Level	Program/ Department Outcome(s)	Written Language	Verbal Language	Information Technology	Critical Thinking	Quantitative Literacy and Fluency	Intercultural Competence
1	Identify risk factors and early signs and symptoms related to cardiac and pulmonary diseases	C-Analyzing-4	1	1	1	0	1	1	0
2	Perform a proper respiratory and cardiac assessment followed up by the recommended treatment	P-Perfect-3	1	1	1	1	1	0	0
3	Interpret EKG strips and demonstrate the proper use of the cardiac monitor.	C-Analyzing-4	1	1	1	1	1	1	0
4	Given a scenario of cardiac or respiratory illness you will integrate assessment findings, formulate a field impression, and implement the treatment including the proper medications.	P-Articulate-4	1	1	1	1	1	1	0
5	Student will be able to safely perform interventions and treatments for patients having a cardiovascular or pulmonary emergency.	P-Embodiment-5	1	1	1	1	1	1	0

Bloom's Domain Legend

C = Cognitive  
A = Affective  
P = Psychomotor

General Education Outcome Legend

2 = Included and Measurable  
1 = Introduced and/or Minimally Addressed and Not Measurable  
0 = Not included

Approved: November 1, 2021